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S5P Release Notes

Version: 5.3.0 Build 15.9 **December 10, 2013**

- Please refer to v5.2.0 release notes for systems upgrading from earlier versions.
- Please see install and new feature application notes at end of document
- Eucon 3.0.2 workstation software is required. Workstations running Windows XP are no longer supported.
- Windows workstation names must contain only letters, numbers, or dashes. They may not contain underscores. Workstations named My_Protools_01, for example, is illegal. See notes for more details at end.

Note: Do **not** try to upgrade TT003 firmware in the field, current version should be C430. Please contact Customer Support for an upgrade. TT002 users need to update its firmware to C430. See note at end of release notes.

New Features

5.0.0

- Pro Tools 9 Eucon support.
- Function Presets. New menu in the Main Panel, operation is similar to Snapshots, 244 presets for Filters, EQ, Dynamics, and Pan may be stored or recalled at any time.
- Clear Defaults in Strips menu page 4.
- Hybrid CM403 Joysticks Implemented for Mono channels.
- Copy, Paste, and Clear implemented on the CM402 select panel.
- Second Capture buffer Implemented. Active with unlabeled switch above Capture
- New single card 120MHz 64ch 2G-16M-2A mixer model for Fusion monitoring.
- Hybrid/Fusion support for serial DVI switch.
- New way to tell which module was used to store layouts
- Save and Load Mix Logging improvements

5.0.1

- New eTracer transport logging
- eTracer now creates a new log file when the file is larger than 2MB
- Hybrid Joystick Cycle assignment implemented. Hybrid channels may now be assigned to the Joysticks using the Wave key.
- Hybrid Stereo Joysticks now supported. Pressing the wave key twice on a stereo Hybrid channel assigns both joysticks, use the Up arrow key to select right channel.
- New SBC ADV 9587 supported
- New DSP Line Card rev supported

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5.1.0

- Import CMX3600 EDL to Cue list implemented.
- New Cue List scroll wheel function now follows locate and play by default.
- Eucon 2.6.1 is now supported
- Cubase 6 and Nuendo 5.5 64 bit are now supported.
- New Mixer Models:
  Six DSP card 4.x_120MHz Post, 282Channel, 2G-48M-24A, 48 Bus Processors
  Five DSP card 4.x_120MHz Post, 188Channel, 48G-48M-24A, 8 Bus Processors
  Two DSP card 4.x_120MHz Post, 90 Channel, 2G-48M-8A, 8 Bus Processors
- New Avid logo, The System PC desktop background will change to the new Avid screen after install and re-boot

5.1.1

- Improved Eucon fader performance for Pro Tools

5.2.0

- New Dual PEC/DIR Meters page key added to CM403 right switch under externals, new key cap should be installed. Changes TFT to display 8 busses, four on top, and four on bottom, buss in blue and return in green. Page and slave selection works as normal.
- Defaults for MF Master and Buss panning changed. New default is pan function set to center with the Boom set to on and up. To update the system delete the c:\eMix\System\ClearDefaults.dat file. To update existing titles clear unused MF Masters and the Mix Busses for bus to bus routing. Existing titles saved with MF Master Pan Function offsets will not be updated until the master is cleared.
- New All Match key added to CM403 left switch under externals, new key cap should be installed
- New multi operator control room insert option added to the control panel.
- New DF66 48K-298Ch 48G-64M-16A Mixer Model no Bus Processing
- New DF70 96K-198Ch 2G-64M-16A Mixer Model no Bus Processing
- New Pro Tools 10.x Appset for Hybrid

5.3.0

- Pro Tools 11 EUCON support.
- EUCON 3.0 support,

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Resolved Issues

5.0.0

- Save Mix during playback can cause automation issues fixed
- Timecode not reading back Feet+Fame offset fixed
- Channel mix assign broken by automation fixed
- Meter slowdown when eMix is closed fixed
- Feet/Frame offset in titles fixed
- Increased resolution of TT002 Fast Forward and rewind speeds

5.0.1

- System Preferences - Show Router Names improved
- Hybrid - Assigning channels to swap layer clears the main layer fixed
- Hybrid - Pro Tools joystick wrap around fixed
- Hybrid - Joysticks not updated after All Swap fixed
- Hybrid - Joystick assign clears display fixed
- Hybrid - Joysticks not working from swap layer fixed
- Hybrid - TFT meter gets stuck on swap layer fixed
- Monitor Linking - CR level jump when TB is pressed fixed
- Save mix CM401 crash fixed
- Clear Defaults - Capture puts Pan switches out of sync fixed
- eTracer - Channel assigns removed from post mixer models to reduce false automation log entries

5.1.0

- Mix Master can now be automated on bus processing Mixer Models.

5.2.0

- Track arming for channels 49-64 fixed
- Fast Forward light flash on Stop->Play transition fixed. Stop is no longer shuttle speed 0. On Sound Master systems, TT003 machine setup page, Mach Switches 2, 14, report still as stop, set to 1
- Dialog box warning for patching MADI channels 61-64 to inputs on Sharc 0 on same DSP Line card
- Control room insert event trigger fixed
- Channel pan function full range offset when removed from MF Master fixed

5.3.0

- Major stability enhancement with simultaneous PT sessions when using PT 10.8 and above or 11.1 and above.

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Known Issues

Description: Layouts containing EUCON tracks are not compatible from 5.x to 5.3
Workaround: Rebuild the Layouts

Description: Reformatting the default mix bus sections (A and B) without clearing them first will cause resulting bus sections to be inaccurately routed.
Workaround: Clear out busses by selecting none prior to reformatting an existing bus

Description: Bus processing limiter graphic does not display gain ball.
Workaround: Gain ball only is active on the bus stems. To view, you can spill the section master onto the surface.

Description: Unable to save group bus' in snapshots.
Workaround: No current workaround.

Description: Opening titles from previous versions will restore all processing orders to default
Workaround: No workaround

Description: Toggling the "All" key on 401 clears out existing "All" Channels
Workaround: No current workaround

Description: Modular I/O HiZ button controls MS encode option.
Workaround: No current workaround

Description: Select All Snapshot does not store busses
Workaround: Busses must be selected individually

Description: TT002 MIDI machine control tallies do not report back
Workaround: No current workaround

Description: Processing order is no longer stored in snapshots
Workaround: No current workaround

Description: Logic 9 Hybrid control can become very slow…avoid input and buss routing knobsets.
Workaround: Next Apple Logic release will have fixes.

Description: There is no easy way to delete all cues.
Workaround: Make a copy of the title before importing an EDL file to revert back if necessary.

Description: Slave track arming display on the CM403 can get out of sync.
Workaround: View status from CM403 bus masters page.

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Install requirements

- Cores with 6 or more 120Mhz SP663's require Avantech modules with 1GB Ram
- Although v3.x titles will be compatible (see note on process orders below) it is recommended to rebuild titles to v4.x as soon as possible. This will also give you the increase DSP efficiency and higher channel count.
- All DSP card versions need to be running FPGA 49 firmware. See instructions with the updater.

TT002 firmware update instructions

- Quit eMix
- From C:\emix run the TT002SWLoader.exe
- In the loader software window go to File, Open
- Select the TT002-C430.bin file located at c:\emix\download\firmware\TT002\bin
- Then under File select download to TT002

Hybrid – Basic Instructions

- To access Hybrid workstations from the main panel press Eucon/Setup. You will see a list of available workstations located on your network.
- To select the appropriate slot in the sub-panel so that each workstation corresponds with a specific DVI port on your switch, or to reorder the workstations, hold down the sub-panel key that you want, and then select a workstation. The workstation will automatically go to that slot. The sub-panel currently only supports 5 workstations.
- To toggle between the DAW channels and smart keys, depress the channel/smart button on the main panel.
- If you attempt to connect to a workstation and the main panel workstation button flashes, it means that the workstation is available, but the DAW application is not currently running or in focus. Boot or switch to the application and try to connect again
- If the hybrid system is busy you will see a please wait message on the CM401 main panel. The Main menu is still accessible during this time.

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Important Differences Between eMix/Hybrid 5.2 and 5.3

Pre-Installation – System PC - Fusion System

If Hybrid does not run on the System PC you can skip this.

For Hybrid-Fusion systems (i.e. where Hybrid is installed on the System PC), it is important to be sure that the Network Interfaces (NIC) are correctly named. Most System PCs already have the NIC for EUCON named as either LAN or DAW LAN from the factory. However sometimes these get changed around. It is important that the NIC that is connected to the EUCON network is named any of the three following names:

1. 1. DAW LAN
2. 2. LAN
3. 3. EUCON

To do go to Control Panel -> Network Connections. Verify which NIC is connected to EUCON. If you need to change the name, right click on the EUCON network adapter and select rename to rename.

You should be able to install version 5.3 on a Hybrid Fusion system now.

Pre-Installation – Windows Workstation Hostname

For Hybrid 5.3, we no longer use a proprietary discovery system. We use Bonjour. In order for Bonjour to work properly, there is a minor bug in the Windows Operating System that must be remedied. Windows workstations need a legal DNS hostname. The most common problem with hostnames is that they contain underscores. Names must only contain Letters, numbers, and dashes. The Windows Operating System allows illegal names to be used without fixing them.

So “My_ProTools_20” is not a legal name, but “My-ProTools-20” is. The most common cause of connection problems with Windows workstations is this bug in the Windows Operating System. Please be sure to check your machine name to be sure your Windows workstation has a compliant name.

Then install the workstation update.

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New Features Operational notes

EDL Import

A CMX3600 EDL file can be put with the titles in the c:\Projects\"project name" directory. The Open button on the title page will change to Import when an EDL file is selected. Import will add to already existing cues if they are not the same as the ones imported. If the same EDL is imported again, or if a cue is the same, it will not import or duplicate those cues. An existing cue note will not be overwritten or cleared. If the file is not CMX3600 EDL nothing will be imported.
The eTracer log will show EDL name and the number of cues that could be imported. This may be different from the actual number of cues imported if there are duplicates.

Cue List scroll

This is defined in the registry under:
HKEYCURENTUSER\Software\Euphonix\emix\Persistent\Surface\CuelistFollows Loc.
Default is 1, change to 0 for old behavior

Function Presets

To store a Function Preset select New. Use Funct Select to select desired function or Ch Select to select Filters, EQ, Dynamics, and Pan from the channel. Select a preset location (1-244). Name the preset using the CM401 keyboard and press enter.
To recall a preset select Recall (flashing is one shot solid is multiple), press CH Select on the desired channel. (Not implemented on the CM402 panel)
To modify a preset, make changes to the function on the channel that was used to store the preset and select Store.
Presets are stored in the c:\emix\system\FunctionPresets.dat file and may be moved between titles, systems, or mixer models.

Clear Defaults

To change the active clear default select Capture, "Capture Selected Yes or No?" will appear, then use Function or Channel select, press the switch above Yes to confirm or the switch above No to abort.
Other options are Load from Disk, Save to Disk, Restore to factory, each has the same confirm or abort option.
Clear Defaults are stored in the c:\emix\system\ClearDefaults.dat file and may be moved between titles, systems, or mixer models.

Hybrid CM403 Joysticks

To assign Hybrid channels to joysticks use channel assign Eucon menu, joystick cycle assign is not yet supported

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CM402 Copy, Paste, and Clear

To copy press and hold Copy and select a channel then select a function on the CM402 or the entire channel using Ch Sel.
To paste press and hold Paste then select a channel using Ch Sel.
To clear press and hold Clear then select a channel using Ch Sel.

Hybrid/Fusion serial DVI switch

For Hybrid PC264h edit the hybridapp.ini and under [config] add kvmport=1.
For Fusion edit the hybridapp.ini and under [config] add kvmport=28 and set com port used to COM28 in the device manager.

Modules used to store layouts in title

Ctl+Alt+F9 from eMix will output a file to the titles project folder "title name"moduleinfo.txt